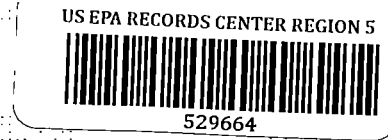


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Via Electronic and First-Class Mail

January 13, 2017

Ms. Shari Lynn Kolak
Remedial Project Manager
Superfund Division
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard, SRF-5J
Chicago, IL 60604-3507

**Re: Monthly Progress Report for December 2016
Remedial Investigation and Feasibility Study
Lake Calumet Cluster Site, Operable Unit 2, Chicago, Illinois**

Dear Ms. Kolak:

The Respondents submit this monthly progress report to the U.S. Environmental Protection Agency (USEPA), Region 5, pursuant to Paragraph 46 of the Administrative Settlement Agreement and Order on Consent (AOC) for the Operable Unit 2 (OU2) Remedial Investigation and Feasibility Study (RI/FS) at the Lake Calumet Cluster Site in Chicago, Illinois (the Site). This progress report summarizes efforts by the Respondents to fulfill the requirements of the AOC during the December 2016 reporting period.

1. Activities Completed During This Reporting Period

- A. On December 1, 2016, the Respondents submitted a Quality Assurance Project Plan (QAPP) Addendum prepared by Arcadis U.S., Inc. (Arcadis) covering procedures for sampling light non-aqueous phase liquid (LNAPL).
- B. On December 9, 2016, the Respondents submitted the November 2016 monthly progress report to USEPA with copies to the Illinois Environmental Protection Agency (IEPA).
- C. On December 21 and 28, 2016, Arcadis' subcontractor cleared the phragmites on the eastern side of the Site as needed to facilitate the planned seep inspection.
- D. On December 28, 2016, Arcadis conducted gauging of the Phase 1 piezometers.

- E. On December 30, 2016, the Respondents submitted to USEPA and IEPA the data from the third quarter of groundwater monitoring, which was completed in October 2016.

2. Results of Sampling and Tests and Other Data

- A. The data from the third quarter of groundwater monitoring were submitted on December 30, 2016.

3. Work Plans, Procedures, and Deliverables

- A. The QAPP Addendum for LNAPL sampling was submitted on December 1, 2017.¹

4. Actions Projected for the Next Reporting Period

- A. Arcadis will respond to comments received from USEPA regarding the QAPP Addendum. Once this addendum is finalized, Arcadis will sample and characterize the LNAPL encountered at MW-12. USEPA and IEPA will be notified of the upcoming sampling once it is scheduled.
- B. Arcadis will continue monthly gauging of the Phase 1 piezometers.
- C. Arcadis will inspect the eastern Site boundary to identify and locate any seeps. If found, seeps will be sampled and analyzed for a full suite of organic and inorganic analytes. USEPA and IEPA will be notified of the upcoming seep inspection once it is scheduled.
- D. The Respondents will arrange for the off-site transportation and disposal of the liquid and solid investigation-derived waste produced during Site characterization activities to date. The proposed receiving facilities are the Tradebe USA Treatment and Recycling Facility in East Chicago, Indiana (liquids) and the Waste Management, Inc. Laraway Recycling and Disposal Facility in Elwood, Illinois (solids).

5. Progress and Schedule Report

- A. Completion of the Remedial Investigation is generally progressing in accordance with the schedule submitted with the RI/FS Work Plan. Arcadis has completed the Phase 1 piezometer investigation, Phase 2 hydraulic profiling

¹ USEPA provided review comments on the QAPP Addendum by letter dated January 4, 2017.

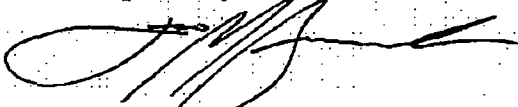
tool and vertical aquifer profiling investigations, and installation of the Phase 3 groundwater monitoring wells. Three rounds of sampling and analysis of the Phase 3 groundwater monitoring wells have also been completed.

- B. The scheduled date for completion of the RI will be extended as needed to accommodate four rounds of quarterly groundwater sampling rather than the one round envisioned in the schedule submitted with the RI/FS Work Plan. The Group will work with USEPA to update the schedule after review of the third round of quarterly groundwater monitoring data.

* * * *

We trust that this submittal satisfies your requirements at this time. If you have questions regarding this monthly progress report or related project matters, please do not hesitate to contact me.

Respectfully submitted,



Leo M. Brausch
Project Coordinator

LMB:

cc: P. Lake, IEPA (2 copies)

cc (via email):

S. M. Franzetti, Esq.
J. Kratzmeyer, Arcadis
P. Lake, IEPA
LCCS Technical Committee